

REVISED VERSION

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
5 April 2001 (05.04.2001)

PCT

(10) International Publication Number  
**WO 01/23885 A1**

(51) International Patent Classification<sup>7</sup>: **G01N 33/487**,  
27/26, 27/416

(21) International Application Number: **PCT/GB99/03004**

(22) International Filing Date:  
27 September 1999 (27.09.1999)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **HY-POGUARD LIMITED** [GB/GB]; Dock Lane, Melton, Woodbridge, Suffolk IP12 1PE (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BLACK, Murdo, M.**

[GB/GB]; The Rectory, Hill Farm Road, Playford, Ipswich, Suffolk IP6 9DT (GB). **ALTON, Robin** [GB/GB]; 10 Elmbridge, Harlow, Essex CM17 0JU (GB).

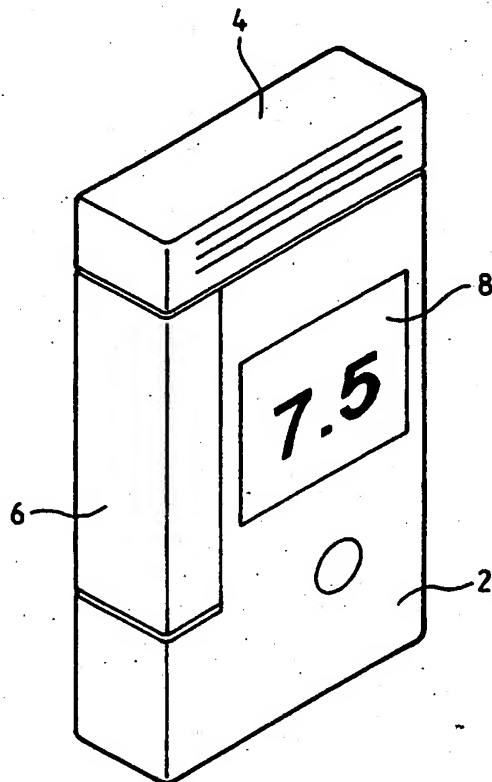
(74) Agents: **GEMMELL, Peter, Alan et al.**; Dummett Copp, 25 The Square, Martlesham Heath, Ipswich IP5 3SL (GB).

(81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent

[Continued on next page]

(54) Title: **TEST DEVICE**



(57) Abstract: A test device for testing of analyte concentration in a fluid to be applied thereto comprises: a plurality of sensors (10) on a reel (16), each of said sensors carrying reagent means for producing an electrical signal in response to the concentration of analyte in an applied fluid, and each of said sensors having a plurality of electrodes (42), corresponding electrodes of adjacent sensors being connected together by a conductive track (38) on the reel (16); and a meter comprising electronics means (18, 8) for producing a signal output which is dependent on the electrical signal from the said sensors (10), the meter having contacts (44) which are electrically connected with the said conductive tracks (38).

WO 01/23885 A1

WO 01/23885 A1



(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

**(88) Date of publication of the revised international search report:** 13 September 2001

**Date of publication of the revised international search report:** 13 December 2001

**(15) Information about Corrections:**

see PCT Gazette No. 50/2001 of 13 December 2001, Section II

**Previous Correction:**

see PCT Gazette No. 37/2001 of 13 September 2001, Section II

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*